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TRANSMITTAL FORM

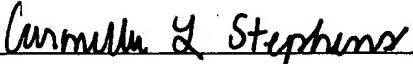
(to be used for all correspondence after initial filing)

		Application Number	09/887,295
		Filing Date	June 22, 2001
		First Named Inventor	Bertram Jacobs et al.
		Group Art Unit	1648
		Examiner Name	Scheiner, Laurie A.
Total Number of Pages in This Submission	12	Attorney Docket Number	A32436-PCT-USA-A

ENCLOSURES (check all that apply)

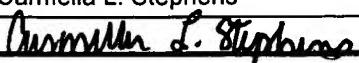
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> CD, Number of CD(s) _____	See attached sheet
Remarks <input type="checkbox"/>		

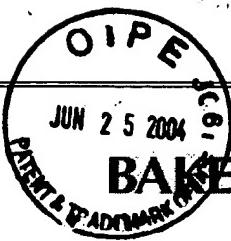
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	BakerBotts LLP 30 Rockefeller Plaza New York, NY 10112	
Signature	 Att Name: Carmella L. Stephens PTO Reg: 41,328	
Date	June 23, 2004	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on this date: June 23, 2004

Typed or printed name	Carmella L. Stephens	
Signature		Date June 23, 2004



BAKER BOTTS LLP

Attorney Docket Number: A32436-PCT-USA-A

Title: VIRAL VECTORS HAVING ENHANCED EFFECTIVENESS WITH REDUCED VIRULENCE

Use Space Below for Additional Information:

This submission includes:

Transmittal (2 sheets);
Fee transmittal (1 sheet in duplicate);
Amendment (8 sheets); and
Return Postcard



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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\\$) 0**

Complete if Known	
Application Number	09/887,295
Filing Date	June 22, 2001
First Named Inventor	Bertram Jacobs et al.
Examiner Name	Scheiner, Laurie A.
Art Unit	1648
Attorney Docket No.	A32436-PCT-USA-A

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number
Deposit Account Name

02-4377

Baker Botts LLP

The Commissioner is authorized to: (check all that apply)
 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee required under 37CFR 1.16 and 1.17
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Fee Code (\$)	Small Entity	Fee Code (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\\$) 0			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	- 20 =	0	X = 0
Independent Claims	- 3 =	0	X = 0
Multiple Dependent			= 0

Large Entity	Small Entity	Fee Description
1202	18	2202 9 Claims in excess of 20
1201	86	2201 43 Independent claims in excess of 3
1203	290	2203 145 Multiple dependent claim, if not paid
1204	86	2204 43 ** Reissue independent claims over original patent
1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\\$) 0

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	420	2252 210 Extension for reply within second month	
1253	950	2253 475 Extension for reply within third month	
1254	1,480	2254 740 Extension for reply within fourth month	
1255	2,010	2255 1,005 Extension for reply within fifth month	
1401	330	2401 165 Notice of Appeal	
1402	330	2402 165 Filing a brief in support of an appeal	
1403	290	2403 145 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,300	2453 650 Petition to revive - unintentional	
1501	1,330	2501 665 Utility issue fee (or reissue)	
1502	480	2502 240 Design issue fee	
1503	630	2503 315 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801 385 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\\$) 0

(Complete if applicable)

Name (Print/Type)	Carmella L. Stephens	Registration No. (Attorney/Agent)	41,328	Telephone (212) 408-2500
Signature	<i>Carmella L. Stephens</i>		Date	June 23, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bertram Jacobs et al.
Serial No. : 09/887,295 Examiner : Scheiner, Laurie A.
Filed : June 22, 2001 Group Art Unit : 1648
For : VIRAL VECTORS HAVING ENHANCED EFFECTIVENESS WITH
REDUCED VIRULENCE

AMENDMENT

I hereby certify that this paper is being deposited with the United States
Postal Service as first class mail in an envelope addressed to: MS:
Amendment, Commissioner for Patents, P.O. Box 1450, Arlington, VA
22313-1450.

June 23, 2004
Date of Deposit

Carmella L. Stephens
Attorney Name 41,328
PTO Registration No.

Carmella L. Stephens
Signature June 23, 2004
Date of Signature

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

This paper is being filed in response to the Office Action, dated March 23, 2004,
that was issued in connection with the above-identified application. Applicants respectfully
request entry and consideration of the amendments and remarks presented herein.

Amendments to the Claims begin on page 3 of this paper.

Remarks begin on page 6 of this paper.